



An Informative Half-day Workshop:

# *Electricity: The Invisible Killer*

## *1 Who Should Attend . . .*

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## *2 MIOSHA Training Institute*

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance.

The MIOSHA Training Institute introduced a new certification program, effective October 1, 2007. This course is an MTI Level 1 course. The certification program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise.

Courses will be offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certification program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## *3 What You'll Learn . . .*

Electrocutions continue to be one of the leading causes of fatalities in construction. This program will explain and illustrate safety practices the electrical industry uses before performing work on energized overhead lines. There will be special emphasis on the importance of recognizing and eliminating hazards to avoid the possibility of any contact with energized circuits. Also covered in the program will be MIOSHA standards that apply to energized line clearances; what constitutes a fatal amount of current; how to determine voltages and when overhead lines need to be de-energized.

### **Agenda**

*We offer a flexible program agenda to emphasize the construction topics you want most.*

- ▶ Standards That Apply To Energized Line Clearances.
- ▶ What Constitutes Fatal Amount Of Current.
- ▶ How To Determine Voltages.
- ▶ When Overhead Lines Need To Be De-energized.

Required Class for  
Construction Level One  
MTI Certification

**The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517.322.1809. The Department of Energy, Labor & Economic Growth is an equal opportunity employer/program.**

[www.michigan.gov/dleg](http://www.michigan.gov/dleg)

# Facilitator

Jim Getting was appointed to MIOSHA's Consultation Education and Training (CET) Division in 2007 and provides construction safety services for the Southwest counties of Michigan. Jim has over ten years of experience as a construction safety professional. Prior to joining CET, Jim worked as Safety Director for several companies, encountering a multitude of construction safety hazards. Jim learned first-hand the challenges of training workers, developing safety plans, inspecting worksites, and developing written programs to ensure worker safety and complying with MIOSHA standards.

Jim has a Doctoral degree in Industrial and Organizational Psychology from Auburn University. His primary specialty is the managing of safety and motivating of workers through behavioral safety methods. By utilizing these straight-forward and effective techniques and his field experience, Jim provides training and consultation to assist companies in developing positive and proactive safety programs.



**Jim Getting, Ph.D.**  
*Construction Safety Consultant,  
MIOSHA, CET Division*

## Program Details

|           |   |           |   |
|-----------|---|-----------|---|
| DATE:     | June 10, 2009   | TIME:     | Check-in - 8:30 a.m.<br>Program - 9:00 a.m. to 12:00 p.m. |
| LOCATION: | Muskegon Community College<br>Stevenson Center for Higher Education<br>221 S. Quarterline Road, Room 1204<br>Muskegon, Michigan 49442 | DEADLINE: | Register by June 4, 2009<br>Please register early!        |
| COST:     | \$60 per person.<br>Includes course materials.<br>Certification/Maintenance Points Available  | CONTACT:  | 616.331.7180 or 800.690.0314<br>or coleb@gvsu.edu         |

**COSPONSOR: Grand Valley State University Continuing Education**

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

## How to Register

### Electricity: The Invisible Killer

Complete information at right to register by . . .

- ▶ **Phone:** 616.331.7180 or 800.690.0314
- ▶ **Fax:** 616.331.7365
- ▶ **Web:** [www.gvsu.edu/learn/professional](http://www.gvsu.edu/learn/professional)
- ▶ **Mail:** Grand Valley State University  
401 W. Fulton, 289C  
Grand Rapids, MI 49504  
Attn: Brian Cole, Ph.D.

**Please make checks payable to:**  
Grand Valley State University

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Number Attending: \_\_\_\_\_ @ \$60 = \$ \_\_\_\_\_  
VISA ☐ MC ☐ AMX ☐ Credit Card # \_\_\_\_\_  
Print Credit Card Holder's Name: \_\_\_\_\_  
Signature: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.